



IFW

Attorney Docket No. 57159-8008.US01

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: 5-20-05By: *Juan W. Bar*

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: YEN ET AL.  
APPLICATION No.: 10/670,129  
FILED: SEPTEMBER 23, 2003  
FOR: INTEGRATED CONSOLE AND CONTROLLER

EXAMINER: UNKNOWN  
ART UNIT: 2124  
CONF. No: 2562

**Information Disclosure Statement Within Three Months of  
Application Filing or Before First Action – 37 C.F.R. § 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Timing of Submission

This information disclosure is being filed within three months of the filing date of this application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last [37 C.F.R. § 1.97(b)]. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

☒ Copies of the following references are enclosed:

- ☐ All cited references
- ☒ References marked by asterisks
- ☐ The following:

☒ This application was filed after 30 June 2003 and no copies of U.S. patents nor published applications are enclosed (See Notice of Deputy Commissioner Kunin on 11 July 2003).

3. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

No fees are believed due because this Information Disclosure Statement is being filed before the mailing date of the first Office Action.

However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-2207.

5. Patent Term Adjustment (37 C.F.R. § 1.704(d))

- ☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

Date: May 20, 2005

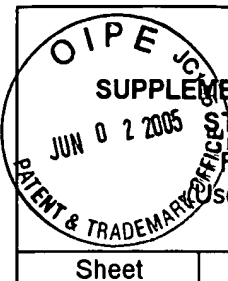
Respectfully submitted,  
Perkins Coie LLP



William F. Ahmann  
Registration No. 52,548

**Correspondence Address:**

Customer No. 22918  
Perkins Coie LLP  
P.O. Box 2168  
Menlo Park, California 94026  
(650) 838-4300

 <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Form PTO-1449 (Modified) (Use several sheets if necessary)				<b>COMPLETE IF KNOWN</b>	
				Application Number	10/670,129
				Confirmation Number	2562
				Filing Date	September 23, 2003
				First Named Inventor	Wei Yen
				Group Art Unit	2124
Examiner Name	Unassigned				
Attorney Docket No.	57159-8008.US01				
Sheet	1	of	3		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
	A.	5,892,900		Ginter et al.	8/30/1996	
	B.	6,157,721		Shear et al.	8/12/1996	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.		T
	1.*	Arbaugh, William A., et al., "A Secure and Reliable Bootstrap Architecture," University of Pennsylvania (1996).		
	2.*	Aziz, Ashar, et al., "Privacy and Authentication for Wireless Local Area Networks," Sun Microsystems, Inc., (1993).		
	3.*	Davida, George I., et al., "Defending Systems Against Viruses through Cryptographic Authentication," IEEE pp. 312-318 (1989).		
	4.*	Diffie, Whitfield, "The First Ten Years of Public-Key Cryptography," Proceedings of the IEEE, Vol. 96, No. 5, pp. 560-577 (May, 1988).		
	5.*	Diffie, Whitfield, et al., "New Directions in Cryptography," (1976).		
	6.*	Dyer, Joan G., et al., "Building the IBM 4758 Secure Coprocessor," Computer, pp. 2-12 (October, 2001).		
	7.*	Frantzen, Mike, et al., "StackGhost: Hardware Facilitated Stack Protection," Proceedings of the 10 <sup>th</sup> USENIX Security Symposium (2001).		
	8.*	Fujimura, Ko., et al., "Digital-Ticket-Controlled Digital Ticket Circulation," Proceedings of the 8 <sup>th</sup> USENIX Security Symposium (1999).		
	9.*	Gligor, Virgil D., "20 Years of Operating Systems Security," University of Maryland		

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).	

<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Form PTO-1449 (Modified) (Use several sheets if necessary)				<b>COMPLETE IF KNOWN</b>	
				Application Number	10/670,129
				Confirmation Number	2562
				Filing Date	September 23, 2003
				First Named Inventor	Wei Yen
				Group Art Unit	2124
				Examiner Name	Unassigned
Sheet	2	of	3	Attorney Docket No.	57159-8008.US01

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
	10.*	Gutmann, Peter, "The Design of a Cryptographic Security Architecture," Proceedings of the 8 <sup>th</sup> USENIX Security Symposium (1999).	
	11.*	Itoi, Naomaru, "SC-CFS: Smartcard Secured Cryptographic File System," Proceedings of the 10 <sup>th</sup> USENIX Security Symposium (2001).	
	12.*	Jaeger, Trent, et al., "Building Systems that Flexibly Control Downloaded Executable Context," Proceedings of the 6 <sup>th</sup> USENIX UNIX Security Symposium (1996).	
	13.*	Karger, Paul A., "New Methods for Immediate Revocation," IEEE (1989).	
	14.*	Kent, Stephen Thomas, "Protecting Externally Supplied Software in Small Computers," Massachusetts Institute of Technology (1980).	
	15.*	Kogan, Noam, et al., "A Practical Revocation Scheme for Broadcast Encryption Using Smart Cards," Proceedings of the 2003 IEEE Symposium on Security and Privacy (2003).	
	16.*	Lampson, Butler, et al., "Authentication in Distributed Systems" Theory and Practice," Digital Equipment Corporation (1992).	
	17.*	Lotspiech, Jeffrey, et al., "Broadcast Encryption's Bright Future," Computer, pp. 57-63 (August, 2002).	
	18.*	Lotspiech, Jeffrey, et al., "Anonymous Trust: Digital Rights Management Using Broadcast Encryption," Proceedings of the IEEE, Vol. 92, No. 6, pp. 898-909 (June, 2004).	
	19.*	Monrose, et al., "Toward Speech-Generated Cryptographic Keys on Resource Constrained Devices," Proceedings of the 11 <sup>th</sup> USENIX Security Symposium (2002).	
	20.*	Neumann, P.G., et al., "A Provably Secure Operating System," Stanford Research Institute (1975).	
	21.*	Palmer, Elaine R., "An Introduction to Citadel – A Secure Crypto Coprocessor for Workstations," IBM Research Division (1992).	
	22.*	Peterson, David S., et al., "A Flexible Containment Mechanism for Executing Untrusted Code," Proceedings of the 11 <sup>th</sup> USENIX Security Symposium (2002).	
	23.*	Rubin, Aviel D., "Trusted Distribution of Software Over the Internet," Internet Society 1995 Symposium on Network and Distributed System Security.	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).	

<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Form PTO-1449 (Modified) (Use several sheets if necessary)				<b>COMPLETE IF KNOWN</b>	
				Application Number	10/670,129
				Confirmation Number	2562
				Filing Date	September 23, 2003
				First Named Inventor	Wei Yen
				Group Art Unit	2124
				Examiner Name	Unassigned
Sheet	3	of	3	Attorney Docket No.	57159-8008.US01

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.		T
	24.*	Smith, Sean W., "Secure Coprocessing Applications and Research Issues," Los Alamos Unclassified Release LA-UR-96-2805 (1996).		
	25.*	Smith, Sean W., et al., "Building a High-Performance, Programmable Secure Coprocessor," Secure Systems and Smart Cards, IBM T.J. Watson Research Center, NY (1998).		
	26.*	Smith, Sean W., et al., "Using a High-Performance, Programmable Secure Coprocessor," Proceedings of the Second International Conference on Financial Cryptography.		
	27.*	Smith, Sean, et al., "Validating a High-Performance, Programmable Secure Coprocessor," Secure Systems and Smart Cards, IBM T.J. Watson Research Center, NY		
	28.*	Stefik, Mark, "Trusted Systems," Scientific American, pp. 78-81 (March, 1997).		
	29.*	Tygar, J.D., et al., "Strongbox: A System for Self-Securing Programs," pp. 163-197		
	30.*	Tygar, J.D. et al., "Dyad: A System for Using Physically Secure Coprocessors," School of Computer Science, Carnegie Mellon University (1991).		
	31.*	Van Doorn, Leendert, "A Secure Java™ Virtual Machine," Proceedings of the 9 <sup>th</sup> USENIX Security Symposium (2000).		
	32.*	White, et al., "ABYSS: An Architecture for Software Protection," IEEE Transactions on Software Engineering, Vol. 16, No. 6, pp. 619-629(1990).		
	33.*	White, Steve R., et al., "Introduction to the Citadel Architecture: Security in Physically Exposed Environments," IBM Research Division (1991).		
	34.*	Wobber, Edward, et al., "Authentication in the Taso Operating System," Digital Systems Research Center (1993).		
	35.*	Yee, B., et al., "Secure Coprocessors in Electronic Commerce Applications," Proceedings of the First USENIX Workshop on Electronic Commerce (1995).		
	36.*	Yee, B., "Using Secure Coprocessors," PhD Thesis, School of Computer Science, Carnegie Mellon University, Pittsburgh, PA (1994).		

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to application(s).	